

# E3 line

## Noverta Premium

### 000030058

Gebruiksaanwijzing

Manuel d'utilisation

User manual

Gebrauchsanweisung



## Chapter 1 General information

Thank you for purchasing a Gamko product.

This manual contains your warranty and maintenance instructions.

Please keep this document in the vicinity of this product, so you will always have it at hand.

Please carefully read the instructions in this manual before using or install this product.

Failure to comply with the instructions, may cause damage to the product.

Proper use ensures a long product lifetime.

All installations must comply with local government and municipal guidelines and installations are to be in accordance with the Machinery Directive. If in doubt, contact Gamko or your local dealer. The information in this manual can be altered without prior notice.



ATTENTION! – DANGER – You can be in personal danger when ignoring comments marked with this icon.



ATTENTION! – WARNING – Your product may cause damage if you ignore comments marked with this icon.



TIP! – Useful tools to help you get the best performance from you product



## Safety precautions



### Technical safety

- Check cable for damage before equipment use.
- Use plug to remove it from the socket.
- Check the power supply to ensure it is suitability for this device.
- Make sure the product is positioned firm and level.
- Always engage a qualified service technician for repairs.
- If the power cord is damaged, it should only be replaced by the manufacturer or a qualified technician to avoid danger.

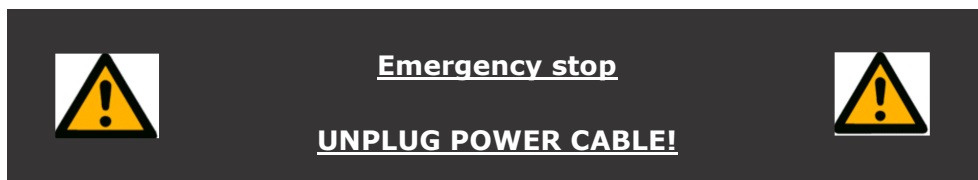
### Refrigerant

This device contains a refrigerant. The type and charge of refrigerant is mentioned on the nameplate.

- *-R600a-*
  - o Contact with liquid may cause cold burns;
  - o Exposure to low concentrations may lead to dizziness, headache, nausea and loss of coordination;
  - o After contact with liquid, flush with water for at least 15 minutes. Obtain medical assistance;
  - o Exposure to fire may cause containers to rupture or explode;
  - o Make sure the area around the appliance is always well ventilated;
  - o Never open an area that is suspected of having a refrigerant leakage.

### **During use**

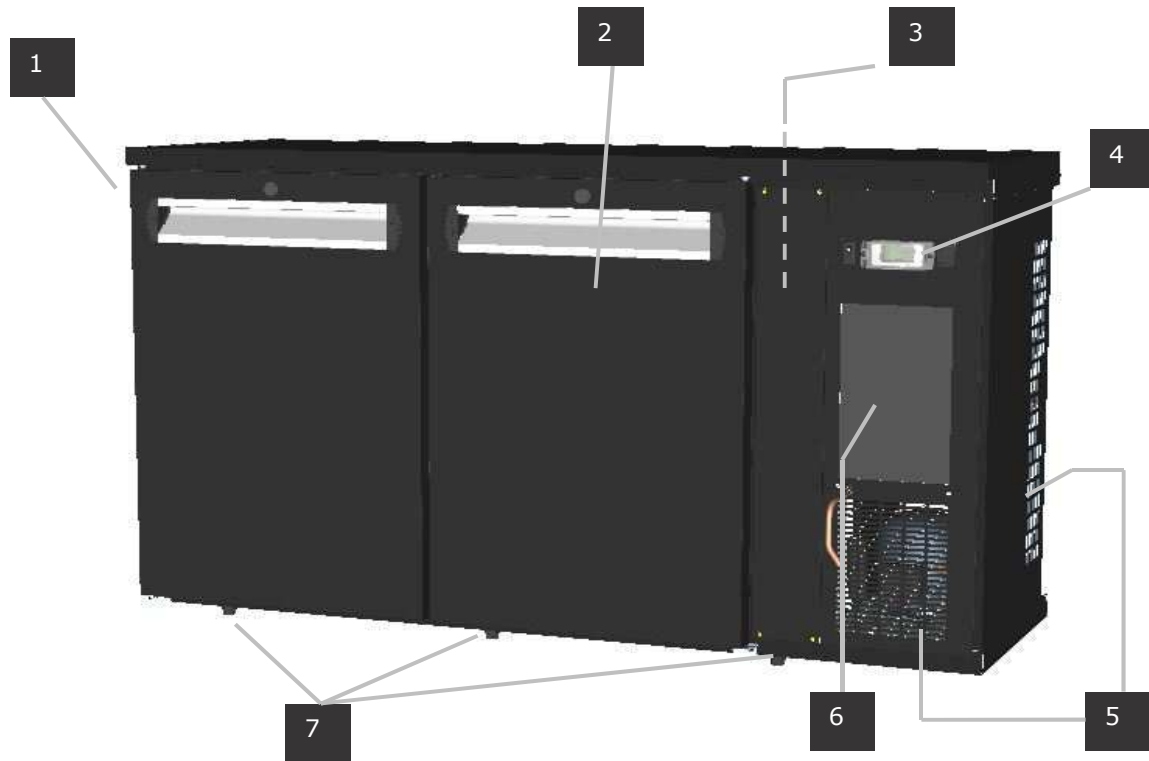
- Use this product only in a dry and clean environment.
- Use this product exclusively for cooling of packaged beverages.
- Never use the device as a stepping stone.
- Never place electrical appliances inside the appliance.
- Make sure the grilles are not blocked, both outside and in the cooler.
- Make sure the ambient temperature does not exceed the class climate.



### **After use**

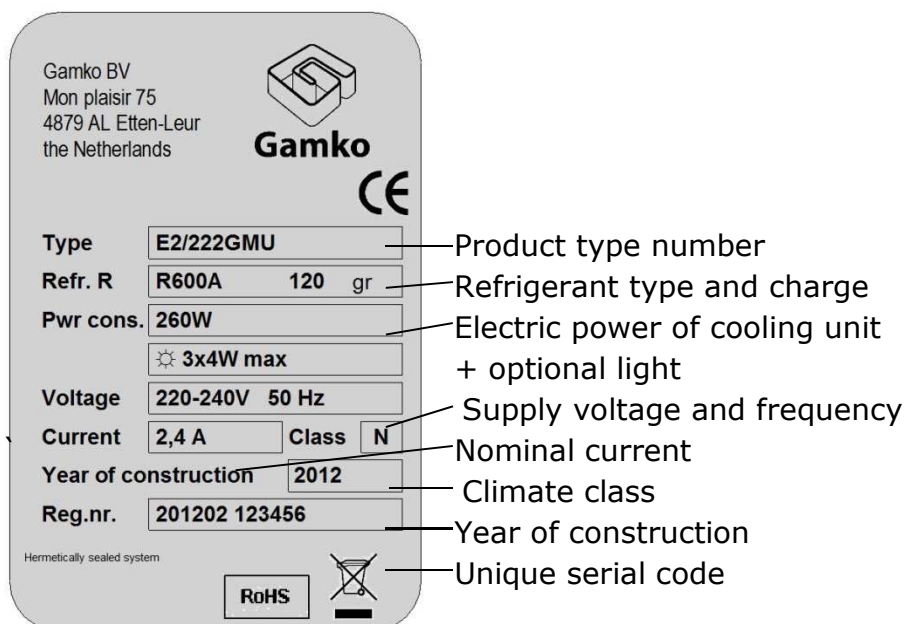
- Take care to provide safe storage / disposal of the waste product (see WEEE regulations).

## Product description



1. Name plate (on the inside of the cabinet)
2. Door (solid or glass) /
3. Name Plate (on the unit)
4. On / off switch / Thermostat / light switch
5. Air outlet (behind and side)
6. Air supply (front)
7. Height adjustable feet (adjustable from the inside and outside)

## Name Plate



### Climate class

A refrigerator is specified to work within certain temperatures limits. This product is suitable for the following class: N: from +16 ° C to +32 ° C.



### Refrigerant

ECO-line Noverta Premium: R600a Natural refrigerant.  
(See safety precautions)

## Chapter 2 Installation



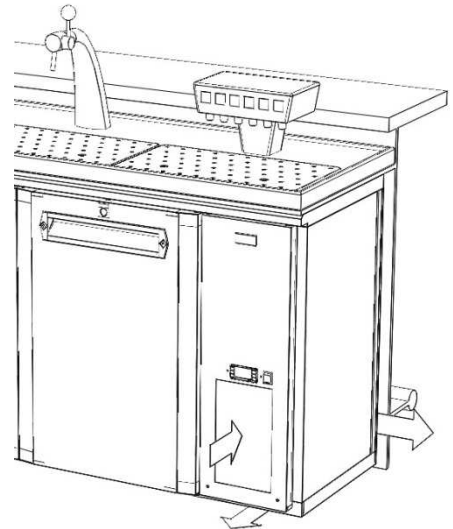
Tip! Never place a refrigerator near any heat sources!



### Operating principle

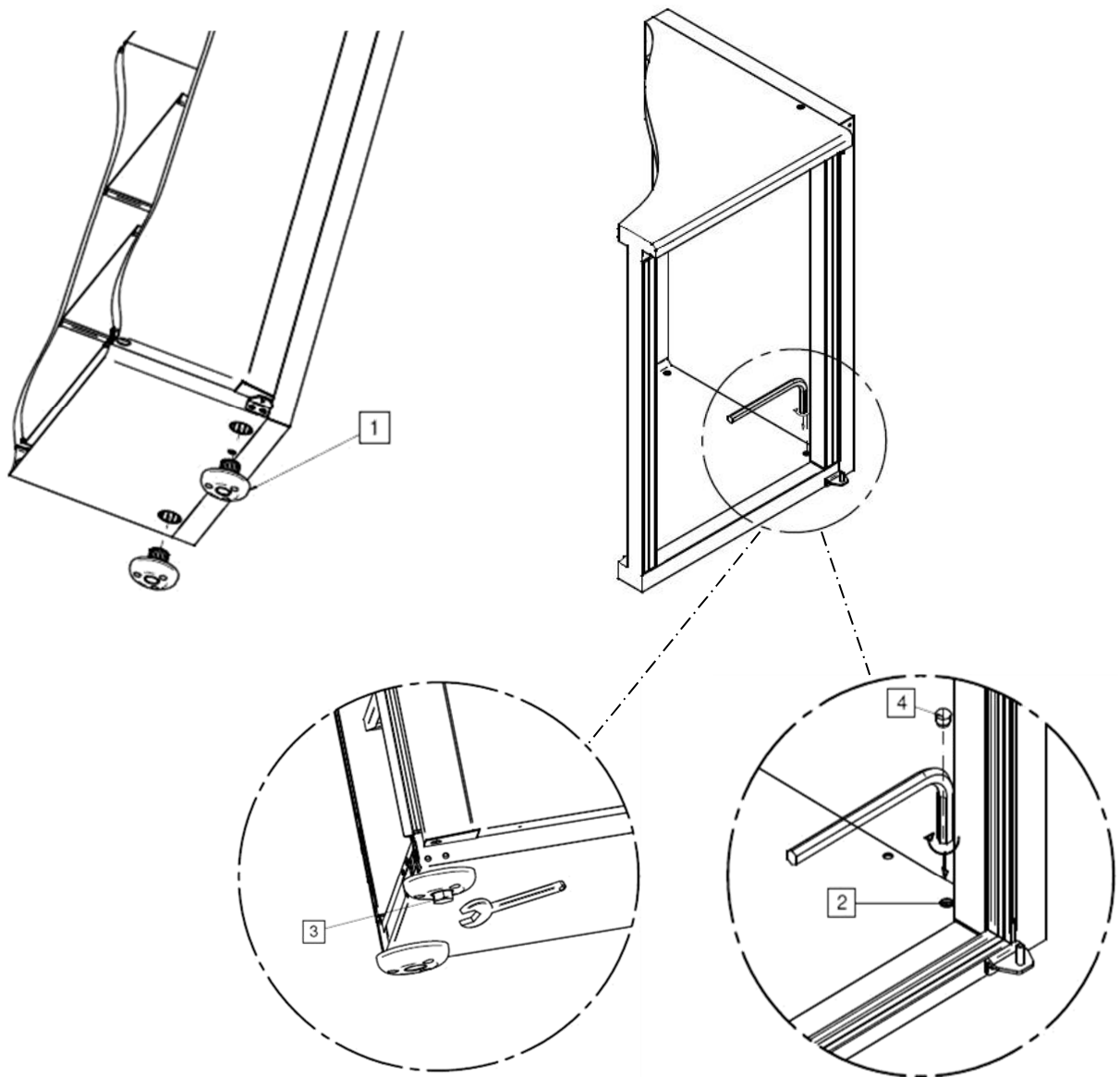
Cooling works by extracting heat from one space and discharge it to the environment. It is recommended to leave **at least 10 cm around the appliance** for optimal cooling.

**Please make sure the air supply and exhaust are not blocked.**

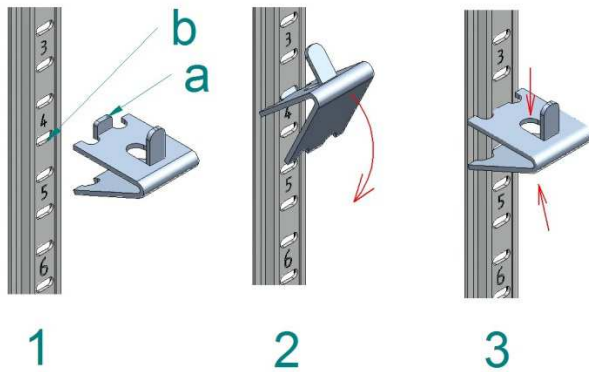


## Placing the appliance

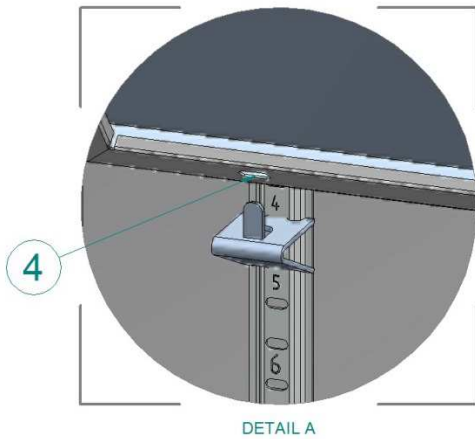
1. Place the product in the desired position on a flat surface.
2. Place a water level on the product.
3. The product is best placed with feet (1) to provide adequate air circulation around the cabinet. This guarantees optimal operation of the product as well as a reducing energy consumption. The legs can be used to level the product properly.
4. Adjust the stands (1) with 6 mm Allen wrench in the openings (2) until the product is level
5. Tighten the screws (3) of the foot pieces (1), at the bottom, with a wrench, when the adjusting device is not accessible from the inside.
6. Plug the openings (2) on the inside with the supplied caps



## Placing the shelves



1. Place pin (a) in the opening (b) of rails.
2. Tilt the shelf support.
3. Push both sides of the shelf support towards each other and push the shelf support in place.
4. Place the shelf with the openings at the back of the cabinet onto the pins of the shelf support.
5. Lower the shelf onto/between the shelf support at the front of the cabinet.





## Electrical supply



- This product uses a separate power cable. In case this power cable is damaged, it should be replaced by an original equipment manufacturer supplied cable.
- The power socket must be easily accessible after installation.
- Check the correct voltage on the basis of nameplate.
- Check the cable cannot be clamped or get stuck.
- Use of an extension cord is not recommended.
- If necessary, allows a cable renewal by a licensed electrician.

**Due to under-or peak voltage may cause damage, so that the cabinet is turned off. Gamko is not responsible for any consequential damages..**

## Chapter 3 Usage

### Commissioning

- Clean the appliance before commissioning. For further details see maintenance.
- After the installation, wait at least 2 hours before starting the appliance.
- Plug into a grounded outlet.

### Thermostat



#### Using the thermostat

For use and settings of the thermostat, please refer to the manual supplied with this product.

#### Application with XR07CX type thermostat:

To see the set point.

1. Push the **SET** key two times, the set point will be showed.
2. Push the **SET** key three times to return to normal visualisation.

To change the set point

1. Push the **SET** key for more than 2 sec and then push the SET key again;
2. The value of the set point will be displayed and the "°C" LED starts blinking;
3. To change the Set value push the **UP** or **DOWN** button;
4. To memorise the new set point value push the **SET** key three times.

**Note:** The new set value is fixed even if you leave the settings without the SET button have been pressed.

## Filling the appliance



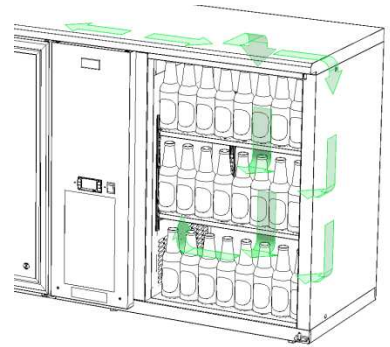
- This product is exclusively suitable for packaged beverages
- Please do not store any uncovered food in the appliance.
- Please fill the product when it is least used. Repeatedly opening of doors slows down the cooling
- Please store beverages with high alcohol content always upright and in a closed container



Fans and air vents in the cooling unit should NEVER be blocked. It is recommended to leave the side and rear free of the cabinet free for optimum air circulation. This improves cooling performance and reduces power consumption.



NEVER place electrical appliances in the cabinet!



### TIP!



Apply the so-called "first-in first-out" principle when serving cold beverages from the appliance. This serves the coldest product from the refrigerated cabinet.

## Chapter 4 Maintenance

### Cleaning the refrigerator cabinet

Proper maintenance of your product guarantees a long life.

#### Do it yourself maintenance

- Before operating the appliance, clean with water and a light detergent
- Clean the segments regularly in case of intensive use.
- The ECO-line cooling cabinets have a condenser in front of the appliance. Please clean this condenser 1x per week. (for example, by means of a vacuum or compressed air)
- Check and clean the door seals regularly. Replace cracked or not properly fitting door seal immediately.
- Clean the drawer slides on drawers monthly, annual light lubrication with grease is recommended

#### Attention!



- Do not disassemble the cooling unit for cleaning!
- Do not use aggressive or abrasive cleaning agents
- Condenser can have sharp surface, clean with care!
- In dusty environment, clean condenser more often.
- Clean glass doors with a mild detergent.
- Clean stainless steel with water and mild soap.
- After cleaning Stainless steel, rinse and dry with a soft cloth.

## Defects

### **The appliance does not start.**

- Check the powerplug.
- Check the power switch next to the thermostat.
- Restore power by possibly replacing a faulty fuse or switch.
- Please notify your service partner.

### **Temperature is too high, Despite the correct thermostat set point.**

- Check that the condenser is clean (see Chapter 4: Maintenance).
- Check that fan rotates
- Remove any objects that may block the air ventilation.
- Check magnetic door seal, clean or replace if necessary.
- Defrost evaporator.
- Thermostat is defective. Please notify your service partner.

### **Temperature is too low, Despite the correct thermostat set point.**

- Thermostat is defective. Please notify your service partner.

### **Water spillage**

- Make sure doors / drawers close properly.
- Check that any holes made during installation are well sealed.
- Make sure the appliance is level.
- Defrost regularly - perhaps additional manual defrost (see manual thermostat).
- Please notify your service partner.

## Chapter 5 Technical information

### Plug ready bottle coolers E3/<sup>xx</sup>84

|                       |                                            |
|-----------------------|--------------------------------------------|
| Electrical connection | 220 - 240 V / 50 Hz / 1~                   |
| Refrigerant           | R600a                                      |
| Cooling capacity      | 515Watt* (12 cc)                           |
| Thermostat            | Electronic                                 |
| Temperature range     | +2 °C t/m +18 °C, default set point: +6 °C |
| Max shelf load        | 2 x 50kg per door                          |



|                  |                          |                          |
|------------------|--------------------------|--------------------------|
| Type             | <b>E3/22MU84</b>         | <b>E3/22GMU84</b>        |
| Electric power   | 210W *                   | 222W*                    |
| Weight (empty)   | 72kg                     | 82kg                     |
| Lighting         | -                        | 2 x 6W                   |
| Locks            | optional                 | standard                 |
| Dimensions WxDxH | 1434 x 516 x 840-860/880 | 1434 x 516 x 840-860/880 |



|                  |                          |                          |
|------------------|--------------------------|--------------------------|
| Type             | <b>E3/222MU84</b>        | <b>E3/222GMU84</b>       |
| Electric power   | 210W *                   | 228W*                    |
| Weight           | 96kg                     | 106kg                    |
| Lighting         | -                        | 3 x 6W                   |
| Locks            | optional                 | standard                 |
| Dimensions WxDxH | 1988 x 516 x 840-860/880 | 1988 x 516 x 840-860/880 |



|                  |                          |                          |
|------------------|--------------------------|--------------------------|
| Type             | <b>E3/2222MU84</b>       | <b>E3/2222GMU84</b>      |
| Electric power   | 210W *                   | 234W*                    |
| Weight           | 120kg                    | 130kg                    |
| Lighting         | -                        | 4 x 6W                   |
| Locks            | optional                 | standard                 |
| Dimensions WxDxH | 2542 x 516 x 840-860/880 | 2542 x 516 x 840-860/880 |

\* Conditions: Min. evaporating T = -5 °C, Max. condensation T = 45 °C, Ambient temperature = 25 °C

## Plug ready bottle coolers E3/<sup>xx</sup>82

|                       |                                            |
|-----------------------|--------------------------------------------|
| Electrical connection | 220 - 240 V / 50 Hz / 1~                   |
| Refrigerant           | R600a                                      |
| Cooling capacity      | 515Watt* (12 cc)                           |
| Thermostat            | Electronic                                 |
| Temperature range     | +2 °C t/m +18 °C, default set point: +6 °C |
| Max shelf load        | 2 x 50kg per door                          |



| Type             | <b>E3/22MU82</b>         | <b>E3/22GMU82</b>        |
|------------------|--------------------------|--------------------------|
| Electric power   | 210W *                   | 222W*                    |
| Weight (empty)   | 72kg                     | 82kg                     |
| Lighting         | -                        | 2 x 6W                   |
| Locks            | optional                 | standard                 |
| Dimensions WxDxH | 1434 x 516 x 820-840/860 | 1434 x 516 x 820-840/860 |



| Type             | <b>E3/222MU82</b>        | <b>E3/222GMU82</b>       |
|------------------|--------------------------|--------------------------|
| Electric power   | 210W *                   | 228W*                    |
| Weight           | 96kg                     | 106kg                    |
| Lighting         | -                        | 3 x 6W                   |
| Locks            | optional                 | standard                 |
| Dimensions WxDxH | 1988 x 516 x 820-840/860 | 1988 x 516 x 820-840/860 |



| Type             | <b>E3/2222MU82</b>       | <b>E3/2222GMU82</b>      |
|------------------|--------------------------|--------------------------|
| Electric power   | 210W *                   | 234W*                    |
| Weight           | 120kg                    | 130kg                    |
| Lighting         | -                        | 4 x 6W                   |
| Locks            | optional                 | standard                 |
| Dimensions WxDxH | 2542 x 516 x 820-840/860 | 2542 x 516 x 820-840/860 |

\* Conditions: Min. evaporating T = -5 °C, Max. condensation T = 45 °C, Ambient temperature = 25 °C

## EC declaration



### EC DECLARATION CONFORMITY FOR MACHINERY

(Directive 2006/42/EC, Annex II, sub A.)

Manufacturer: Gamko BV

Address: Mon Plaisir 75  
4879 AL  
Etten-Leur  
The Netherlands

Herewith declares that the following product

- **ECO line type E3:**
  - E3/22(G)MU82
  - E3/222(G)MU82
  - E3/2222(G)MU82
  - E3/22(G)MU84

Is provided as defined in:

- ◆ The EC machines (Directive 2006/42/EC)
- ◆ Electromagnetic compatibility (Directive 2004/108/EEC)
- ◆ Directive low-voltage (Directive 2006/95/EEC)
- ◆ PED pressurised equipment (Directive 97/23/EC)
- ◆ RoHS directive 2011/65/EC

Etten-Leur, 14-01-2014



N. Govers  
Manager Research & Development



## WEEE-regulation



**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. KEEP THESE INSTRUCTIONS IN A SAFE PLACE. THE INFORMATION CONTAINED IN THIS BROCHURE IS IMPORTANT FOR THE DISPOSAL OR RE-USE OF THIS PRODUCT AT THE END OF ITS USEFUL LIFE.

Gamko Holding BV is attentive of the care of the environment and meets all requirements contained in the Directive 2002/96/CE, known as WEEE, or the Directive referring to Waste from Electrical and Electronic Equipment. This product conforms to the directive 2002/96/CE. At the end of its useful life the product, which is to be processed separate from household waste, should be transferred to a collection point of separate waste from electrical and electronic equipment. The objective of the Directive 2002/96/CE is to combat the increasing volumes of waste from electrical and electronic equipment, to increase the re-use of electrical and electronic equipment ("EEE") and finally to limit the total volume of waste EEE ("WEEE") destined to be disposed of. The symbol of the crossed out waste bin indicates that this product is subject to the application of this Directive. It is the responsibility of the user to transfer the product to specialized collection points, as indicated by local legislation or the distributor. In case of installation of a new product the old WEEE product can be collected by the distributor at the same time. The manufacturer, importer and distributor are responsible for the collection and processing of the waste which is collected directly or through a collection point. The enclosed list contains Gamko Holding BV distributors per country. Any violation of the above mentioned Directive will result in sanction measures in all of these countries. In general Gamko Holding BV applies the "CECED interpretation" (European Committee of Manufacturers of Electrical household appliances) according to which the WEEE legislation is applicable to portable air conditioners, dehumidifiers, window- air conditioning, split systems up to 12 kW, fridge's and plug in freezer compartments. Nevertheless it is possible that in the various member countries differences in legislation are detected. In case some products are not included on the list of WEEE products following national legislation, the national legislation should be adhered to, the WEEE directives applicable to products that are not included in the scope of these national legislations should be omitted. The directive does not apply to products sold outside the European Union. In case the product is to be sold outside the European Union, it is not necessary to adhere to the WEEE directive however; the vendor/distributor has to guarantee that local legislation is being observed. For further information please refer to the local authority for waste collection, the vendor/ distributor/ installer who supplied the product or directly to Gamko

## GWP/ODP-table

**This product may contain fluorinated gases as mentioned under the Kyoto treaty.**

|                                                                    |              |              |
|--------------------------------------------------------------------|--------------|--------------|
| Chemical name of refrigerant (see name plate)                      | <u>R134a</u> | <u>R600a</u> |
| Global Warming Potential (GWP) of refrigerant (CO <sub>2</sub> =1) | 1300         | 3            |
| Ozone Depletion Potential (ODP) of refrigerant (R12=1)             | 0            | 0            |



### **R134a - Warning!**

- a. Hermetically sealed system.
- b. Emissions of the gas must be avoided. The fluorinated gas may never escape into the atmosphere during installation, use and disposal. If leakage of fluorinated gas is detected, the leak must be repaired as soon as possible and emission of the gas to be stopped.
- c. Only qualified service personnel should work on this product for maintenance and service purposes.
- d. The processing of fluorinated gas in this product, such as recharging of the refrigerant, must be in compliance with European Community regulation (EC) No 842/2006 on certain fluorinated gases and the applicable local regulations.



### **R600a - Warning!**

- a. Hermetically sealed system.
- b. In case refrigerant leakage is detected, the area should be ventilated and qualified service personal should be alerted.
- c. Only qualified service personnel should open this product and exchange the cooling unit

**Gamko BV**

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The Netherlands

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